



NB: Image shows use with Molex output connector; however the cover is suitable for use with screwed terminals i.e. PQC250-xxDRT/CRT & MVAC250/400-xxAFT/AFD options

#### FEATURES:

Allows installation in equipment that does not	
afford protection	

- Safety Approval's not impacted
- No derating required
- Allow operation in convection and forced cooled applications
- Multiple mounting orientations
- Galvanized steel corrosion resistant plating
- RoHS Complaint

### MATERIALS PARTS LIST (See View Opposite)

(000
① Enclosure Base Item
② Enclosure Cover
③ Insulator Sheet
<ul> <li>● PCB Retaining Screws (M3 X 0.5 x 6MM pan head TORX-10 Drive crest cup SEMS)</li> </ul>
<ul> <li>S Cover retain Screws (Stainless steel flat 90° TORX-10 Drive M3 X 0.5 x 6MM)</li> </ul>

# Enclosure Assembly for PQC250 Series

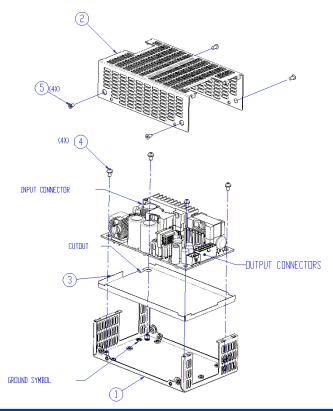
## **PRODUCT OVERVIEW**

The PQC-COVER<sup>1</sup> is intended as an enclosure for the PQC250 series of open frame products and can be used with the models shown in the Model Usage Table. It is intended for system deployments in a semi open environment and not mounted in a totally enclosed system case (where the product is inaccessible to End Users). It is manufactured from high quality steel and provided with an anti-corrosion coating. The construction also provides an optimized airflow pattern to accommodate both forced and convection cooling deployments; refer to relevant product datasheet for additional details. The PQC-COVER kit is sold separately and it is intended that the End User assembles the cover and open frame product

directly. 'Also suitable for use with the MVAC250/400 Series of products (replacement for MVAC-COVER).

ORDERING GUIDE					
Model Number	Description				
PQC-COVER	Enclosure kit for PQC250; MVAC250/400 series				

MODEL USAGE TABLE							
PQC250 Models		MVAC250 Models	MVAC400 Models				
https://power.murata.com/en/ca	https://power.murata.com/en/catalogsearch/result/?g=PQC250 https://power.murata.com/en/catalogsearch/result/?g=MVA		catalogsearch/result/?q=MVAC				
PQC250-12yyy	PQC250-30yyy	MVAC250-xxF	MVAC400-xxAF				
PQC250-18yyy	PQC250-36yyy	MVAC250-xxAF	MVAC400-xxAFD				
PQC250-24yyy	PQC250-48yyy	MVAC250-xxAFD	MVAC400-xxAFT				
PQC250-28yyy	PQC250-54yyy	MVAC250-xxAFT	MVAC400-xxAFR				





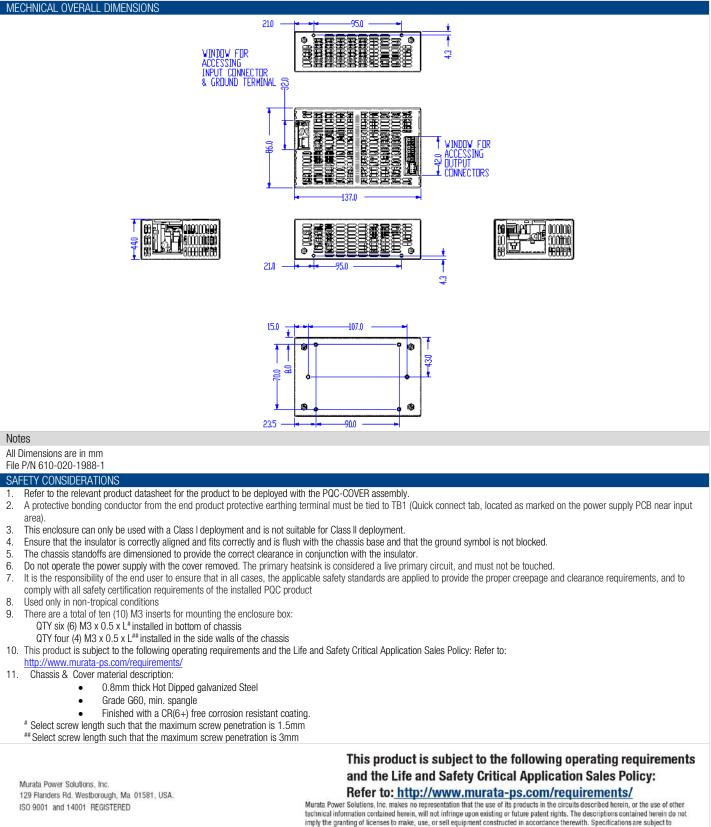


## INSTALLATION INSTRUCTIONS

- Install the insulator (item③) in to the chassis base (item①) taking care to align the "cutout" with the "grounding symbol" (clearly stamped in the chassis) and PEM standoff's and ensuring that the insulator lies flat against the chassis base when properly installed.
- 2. Lower the PQC250 series power supply into place with the orientation as shown in the above diagram.
- 3. The mounting holes (slotted holes) should align with the 4 PEM standoffs provided in the chassis base.
- 4. Install the M3 x 6 pan head screws (item ④)
- 5. Align the cover with the chassis base (item  $\oplus$ ).
- 6. Secure cover (item(2)) to the chassis base with the 4 M3 x 6 countersink screws (item(5)).
- 7. Inspect the completed assembly for misalignment (cover, chassis base, insulator or PCB).



## Enclosure Assembly for PQC250 Series



change without notice.

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